For Research Use Only

CoraLite® Plus 405 Anti-Rat CD45 Rabbit Recombinant Antibody

Catalog Number:CL405-98651

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL405-98651

Concentration:
100ug, 500 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG4666

GenBank Accession Number:
NM_138507.3

GeneID (NCBI):
24699

UNIPROT ID:
P04157-1

Full Name:
protein tyrosine phosphatase, receptor type, C

Calculated MW:
143 kDa

Purification Method:
Protein A purification

CloneNo.:
252198H7

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
399 nm / 422 nm

Applications

Tested Applications:
FC

Species Specificity:
rat

Positive Controls:

FC : rat splenocytes,

Background Information

CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets (PMID: 3489673; 28615666). CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling (PMID: 9429890; 16378097).

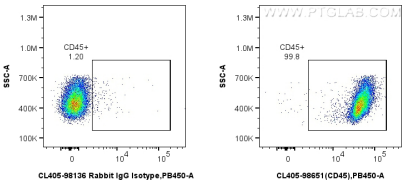
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

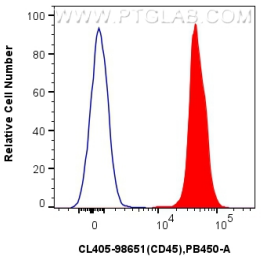
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 rat splenocytes were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Rat CD45 Rabbit RecAb (CL405-98651, Clone:252198H7) or CoraLite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-98136, Clone: 240953C9). Cells were not fixed.



1x10^6 rat splenocytes cells were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Rat CD45 Rabbit RecAb (CL405-98651, Clone:252198H7)(red) or CoraLite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-98136, Clone: 240953C9)(blue). Cells were not fixed.